

The Knowledge Bank at The Ohio State University

Ohio State Engineer

Title: Science Briefs

Issue Date: May-1939

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 22, no. 6 (May, 1939), 29.

URI: <http://hdl.handle.net/1811/35628>

Appears in Collections: [Ohio State Engineer: Volume 22, no. 6 \(May, 1939\)](#)

SCIENCE BRIEFS

Diplomas have gone from rolls tied with ribbon to books, and now to plaques that need no framing. Graduate's name, officials' signatures, seal, and ribbons—all are etched on a small bronze plate and neatly mounted on wood, ready to hang on the wall.

Preventing skidding is the function of a chemical applied on rubber tires or tramped into rubber soles. It removes grease from the elastic surfaces and helps them grip the wet or icy pavement. One application is said to last about a day or for several hundred miles of driving.

Private citizens seldom carry clubs, but a billy is very useful to a policeman. One style serves a dual purpose; it contains batteries and a flashlight.

Some motorists would use tire chains more often if applying them weren't so messy. A new device aids in getting chains around the tire, protects hands and cuffs.

Refrigerator cars are no novelty on the railroads. But what about less-than-carload lots that need refrigeration? They can have it in a trunk-size container with 10 cubic feet of storage and space for 100 pounds of dry ice.

Packages and visitors entering prisons may pass through magnetic detectors that "frisk" them for files, saws, guns and other contraband. The method has been extended to industry; embarrassing and dangerous bits of iron may be detected and kept out of food, cloth, soap, and lumber.